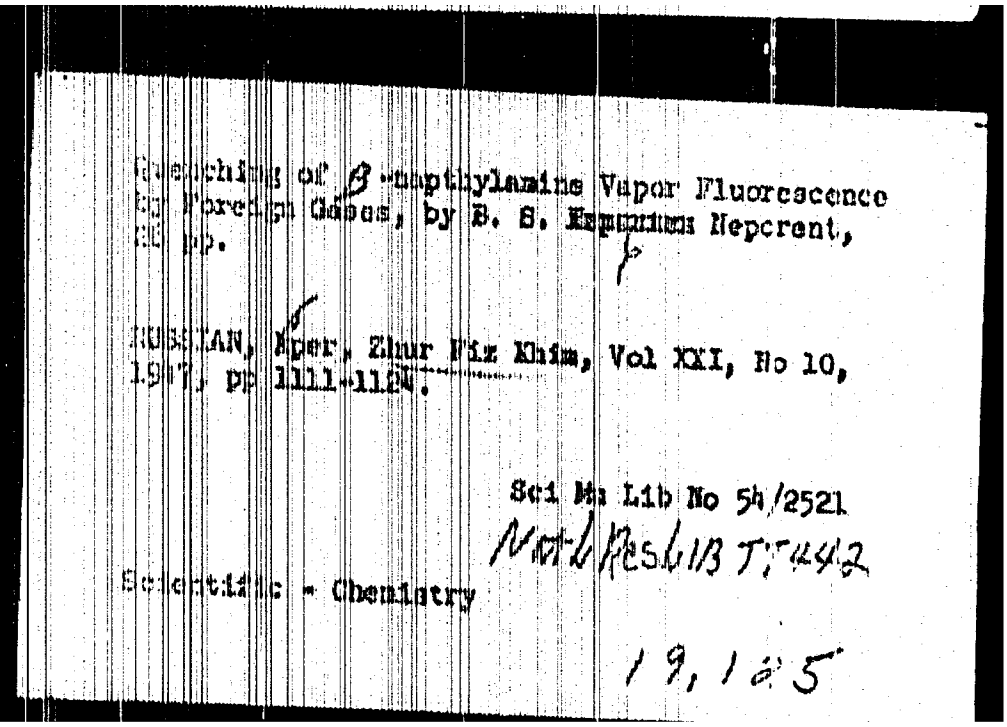
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8



Quenching of β-naphthylamine Vapor Fluorescence by Foreign Gases, by B. S. Kapustin Neprent, [illegible] pp.

RUSSIAN, Zhur Fiz Khim, Vol XXI, No 10, 1947, pp 1111-1124.

Sci Mn Lib No 54/2521

Mn-L Res Lib T:4442

Scientific - Chemistry

19, 1 a 5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

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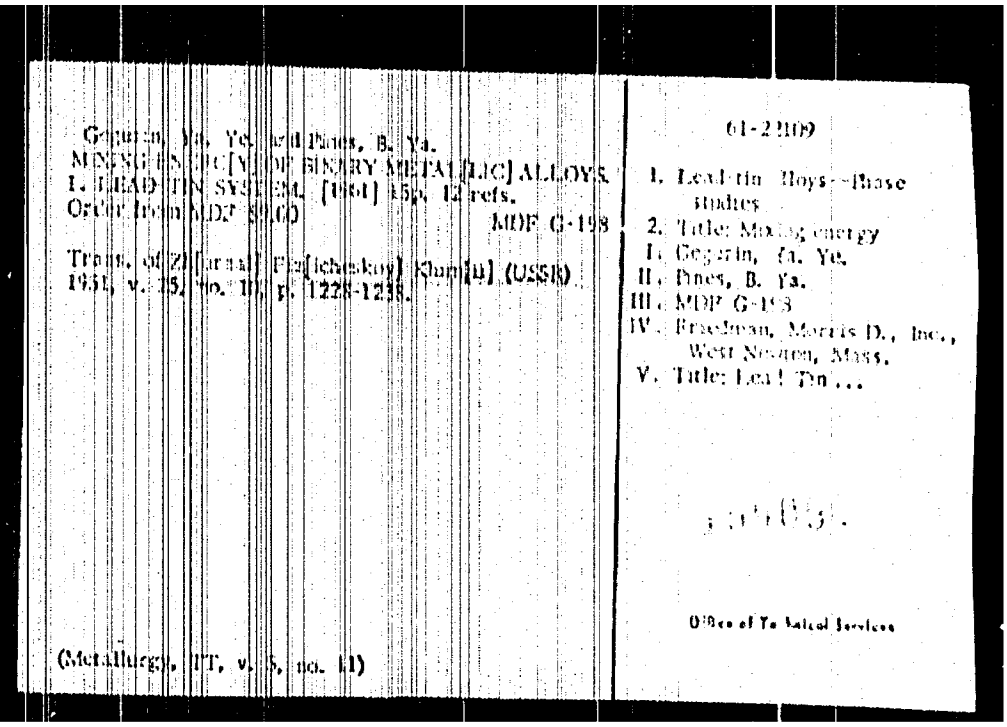

Gegarin, Ya. Ye. and Dines, B. Ya.
MENSGES [illegible] OF BINARY METAL[LIC] ALLOYS.
I. LEAD TIN SYSTEM. [1951] 15p. 12 refs.
Order Item MDP 8(G) MDF G-198

Trans. of Z[hurnal] Fiz[icheskoy] Khim[ii] (USSR)
1951, v. 25, no. 11, p. 1228-1238.

(Metallurgy, TT, v. 5, no. 11)

61-22109

1. Lead-tin Alloys--Phase studies
2. Title: Mixing energy
I. Gegarin, Ya. Ye.
II. Dines, B. Ya.
III. MDP G-198
IV. Freshman, Morris D., Inc., West Newton, Mass.
V. Title: Lead Tin...

[illegible]

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

Gegerin, Ya. Ye. and Pines, B. Ya.
MIXING ENERGY OF BINARY METALLIC ALLOYS.
III. BISMUTH-CADMIUM SYSTEM. [1961] 7p. 6 refs.
Order from MDF $4.50 MDF G-197

Trans. of Zh[urnal] Fiz[icheskoy] Khim[ii] (USSR)
1951, v. 25, no. 11, p. 1300-1305.

(Metallurgy, TT, v. 5, no. 11)

61-22110

1. Bismuth-cadmium alloys--Phase studies
2. Title: Mixing energy
I. Gegerin, Ya. Ye.
II. Pines, B. Ya.
III. MDF G-197
IV. Frieburger, Morris D., Inc., West Newton, Mass.
V. Title: Bismuth-Cadmium ...

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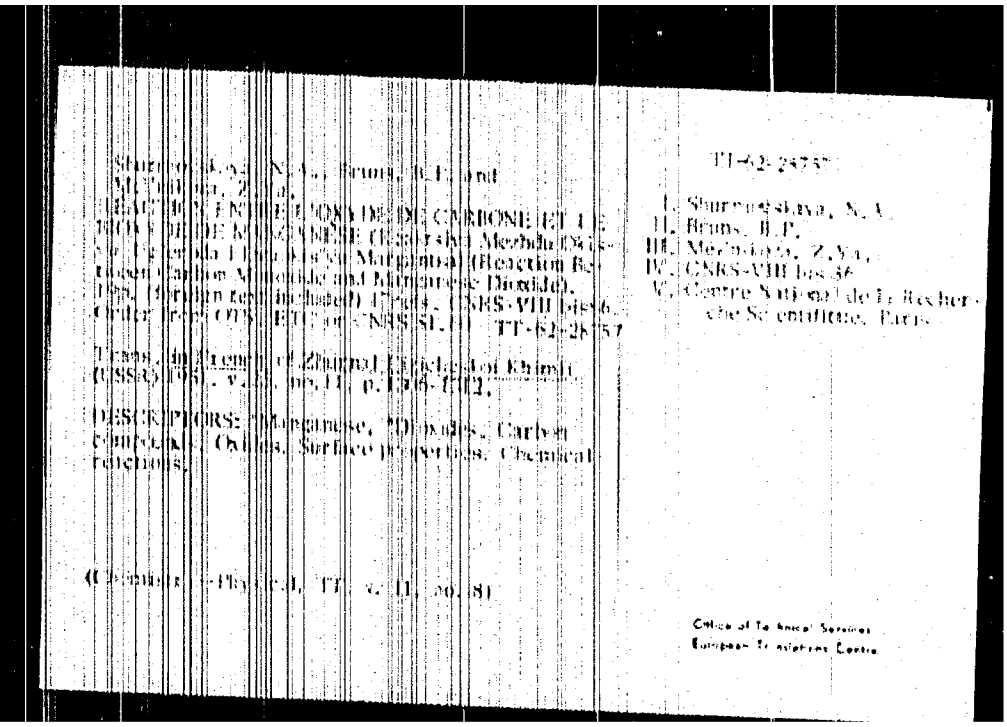
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8



TT-62-28757

I. Shurygeshava, N. A.
II. Bruns, B. P.
III. Merenkova, Z. Ya.
IV. CNRS-VIII bis-56
V. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Center

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

Thermodynamics of Concentrated Solutions of Strong Electrolytes, by I. A. Mirtskhulava, 20 pp.

Full translation.

RUSSIAN, per, Zhur Fiz Khim, Nov 25, 1951, pp 1347-X 1354. Vol LXXV

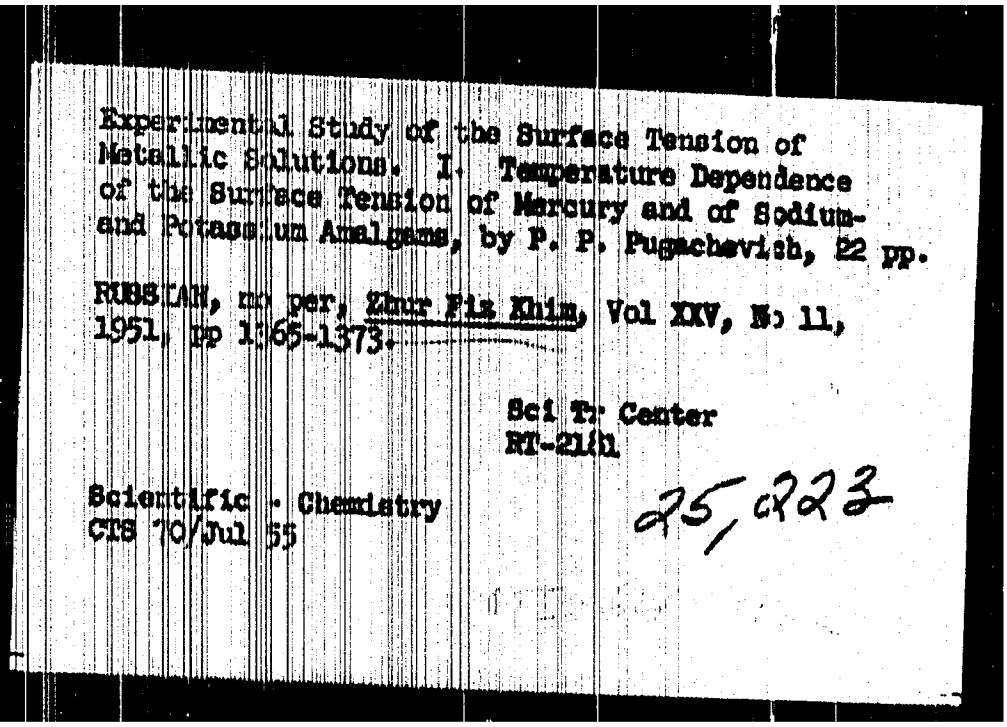
[illegible]

Scientific - Physics Aug 53 CTS/DEX

4/1.18

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8



Experimental Study of the Surface Tension of Metallic Solutions. I. Temperature Dependence of the Surface Tension of Mercury and of Sodium- and Potassium Amalgams, by P. P. Pugachevich, 22 pp.

RUSSIAN, mimeo per, Zhur Fiz Khim, Vol XXV, No 11, 1951, pp 1265-1273.

Sci Tr Center
RT-2114

Scientific - Chemistry
CTS 70/Jul 55

25, c223

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

The Theory of the Thermodynamic Properties of Solutions III. Sevenchenko Rule, by M. I. Shakhparonov, 14 pp.

RUSSIAN, per, Zhurnal Khim, Vol XXV, 1951, pp 1374-1383.

SLA R-2830

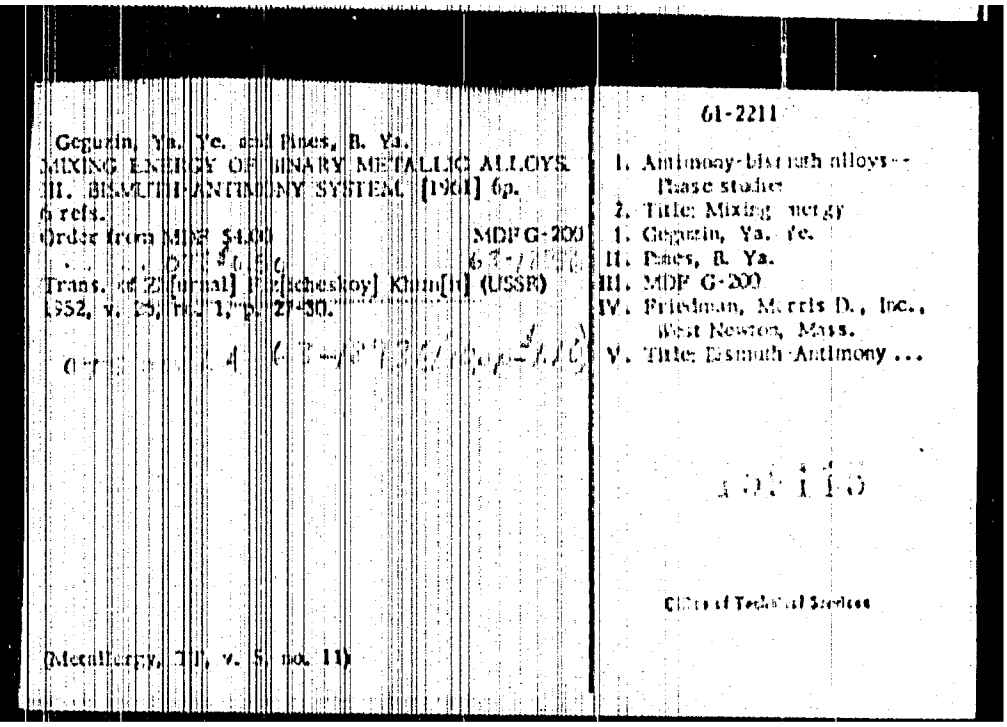
Sci

Jul 59

92, 432

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8



Geguzin, Ya. Ye. and Panes, B. Ya.
MIXING ENERGY OF BINARY METALLIC ALLOYS.
II. BISMUTH-ANTIMONY SYSTEM. [1961] 6p.
6 refs.
Order from MDF $4.00 MDF G-200
Trans. of Z[urnal] F[izicheskoy] Khim[ii] (USSR)
1952, v. 25, no. 1, p. 27-30.

(Metallurgy, Ill, v. 5, no. 11)

61-2211

1. Antimony-bismuth alloys--Phase studies
2. Title: Mixing energy
I. Geguzin, Ya. Ye.
II. Panes, B. Ya.
III. MDF G-200
IV. Friedman, Morris D., Inc., West Newton, Mass.
V. Title: Bismuth-Antimony ...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

Thermodynamics of Concentrated Solutions of Strong Electrolytes, Part II, by I. A. MirtskhulavaXXVI, 19 pp.

Full translation.

RUSSIAN, per, Zhur Fiz Khim, [illegible]6, 1952, pp 39-47.

~~Declassified Laboratory Tr-A159-(MW)~~

C19/FDD/X-1285

Scientific - Physics. Aug 53 CTS/DEX

4109

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

The Mechanism of the Action of Optical Radiation of an Anodically Oxidized Lead Electrode, by V. I. Ginsburg, V. I. Vesselovskiy, 15 pp.

RUSSIAN, Zhur Fiz Khim, 1952, Vol XXVI, No 1, pp 60-71.

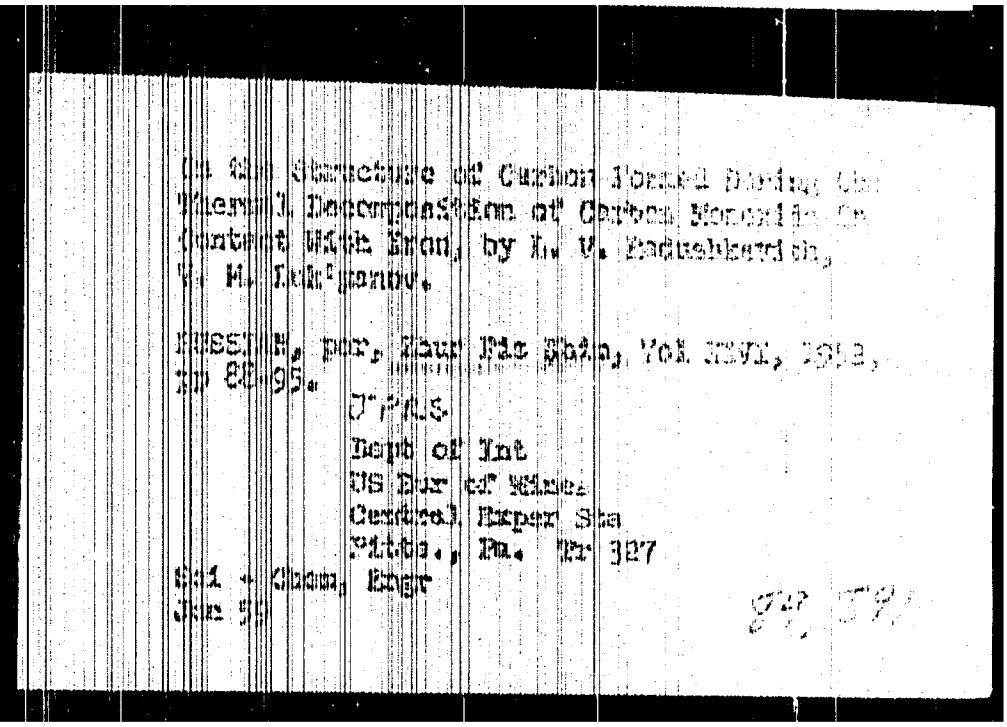
ATS-88L28R

Sci - Chem
OTS I, 12
Jul 59

92,264

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8



On the Structure of Carbon Formed During the Thermal Decomposition of Carbon Monoxide on Contact With Iron, by L. V. Radushkevich, V. M. Lukyanovich.

Zhurnal Fizicheskoy Khimii, Vol XXVI, 1952, pp 88-95.

OTS.

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US Bur of Mines
Central Expmt Sta
Pitts., Pa. Ex 327

Sci + Chem, Engr
Jun 59

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

Electronographic Study of Hydroxide Films on Metals (magnesium, aluminum, iron and copper), by N. A. Shishakov.

RUSSIAN, per, Zhurnal Fizicheskoi Khimii, Vol XXVI, No 1, 1952, pp 106-111.

USSR
Assoc Tech Svc
RJ-167
17,478

Scientific - Chemistry

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

Steric Factors in Unimolecular and Bimolecular Reactions, by A. D. Stepukhovich, L. M. Timonin.

Full translation.

RUSSIAN, per. Zhur Fiz Khim, Vol XXVI, USSR, 1952, pp 145-155.

AEC Tr 1489
CIA/FDD-X-1763

Scientific -- Chemistry, unimolecular, bimolecular

Jan 53 CTS/DEK

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

The Dynamics of Desorption From Solutions, by M. B. Tovbin, A. D. Greenburg, 17 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXVI, 1952, pp 156-164.

AEC Tr 3165

Sci - Chem

May 53

62,698

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

Photoelectrochemical Process in a Microheterogeneous Semiconducting System: Suspension of ZnO/Solution, by V. I. Vesselovskiy, D. M. Shub.

[illegible], Zhur Fiz Khim, Vol XXVI, No 1, 1952, pp 103-[illegible].

MIL M. 3069

Elec + Chem

Feb 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

Geguzin, Ya. Ye. and Pines, B. Ya.
MIXING ENERGY OF BINARY METALLIC ALLOYS.
IV. BISMUTH-TIN AND BISMUTH-LEAD SYSTEMS.
[1951] 10p. 7 refs.
Order from MDF $6.00 MDF G-201

Trans. of Zh[urnal] Fiz[icheskoy] Khim[ii] (USSR)
1952, 26 No. 2, p. 165-172.

(Metallurgy, TT, v. 3, no. 11)

61-221-2

1. Bismuth-lead alloys--Phase studies
2. Bismuth-tin alloys--Phase studies
3. Title: Mixing energy
I. Geguzin, Ya. Ye.
II. Pines, B. Ya.
III. MDF G-201
IV. Friedman, Morris D., Inc., West Newton, Mass.
V. Title: Bismuth-Tin ...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

On the Theory of Decomposition of Amalgams by Solutions of Electrolytes, by O. L. Kaptsan, Z. A. Iofa, 15 pp.

RUSSIAN, 6 no per, Zhur Fiz Khim, Vol XXVI, 1952, pp 193-200.

AEC Tr 1715

Scientific - Chemistry CTS/DEX

7303

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

Decomposition of Amalgams and Overvoltage of Hydrogen on Mercury in Alkaline Solutions, by O. L. Kaptsan, Z. A. Iofa.

RUSSIAN, mp per, Zhur Fiz Khim, Vol XXVI, 1952, pp 201-210.

Aec Tr 1716

Scientific - Chemistry

CTS/DMX

7339

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

Kinetics of the Cathodic Reduction of Oxygen, by A. I. Krasil'shchikov,

RUSSIAN, per, Zhur Fiz Khim, Vol XXVI, No 2, 1952, pp 216-223.

Sci Mus Lib Malden 54/1374

Scientific - Chemistry

Aug 54 CTS

16,787

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

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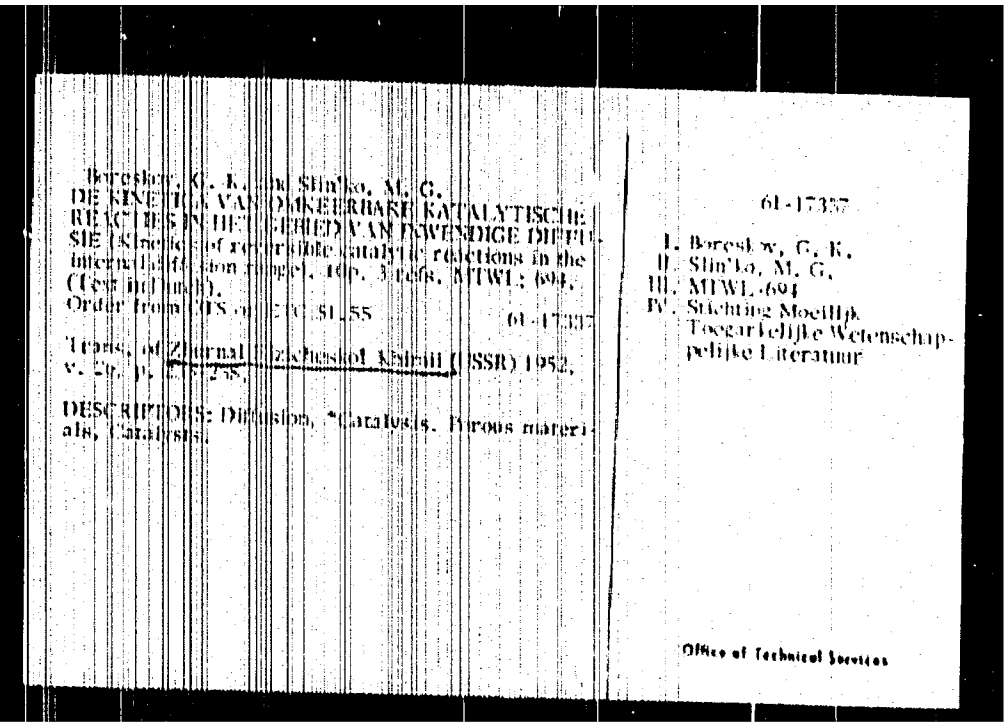


Boreskov, G. K., and Slin'ko, M. G.
DE SNELHEID VAN OMKEERBARE KATALYTISCHE REACTIES IN HET GEBIED VAN HOGERE DIFFUSIE (Kinetics of reversible catalytic reactions in the internal diffusion range). 16p. 3 refs. MTWL: 604. (Text in Dutch).
Order from OTS ... $1.75 61-17337

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1952, v. 26, p. 1727-38.

DESCRIPTORS: Diffusion, *Catalysis, Porous materials, Catalysts.

61-17337

I. Boreskov, G. K.
II. Slin'ko, M. G.
III. MTWL-604
IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

Adsorption of Mixtures of Gases. Part 1. Adsorption of Ethylene and Carbon Dioxide on Activated Carbon, by B. P. Burin, V. V. Serpinskiy.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXVI, 1952, pp 253-269.

Assoc Tech Sv PJ-206
$24.95

27,470

Scientific - Chemistry
CTS 73/Oct 1955

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

Reasons for the Formation of Zinc Sponge on the Cathode and Mechanism of Action of Impurities in Zincate Electrolytes, by N. T. Kudryavtsev.
RUSSIAN, per, Zhurnal Fizicheskoy Khimiy, Vol 26, No 2, 1952, pp 269-281.
Dept of Navy NIC 2838

Sci-Chem
June 69

383,172

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

Gogoberidze, G. B.
THEORY OF THE PENDULUM METHOD FOR MEASURING HARDNESS (G Teoriya Maiatnikovogo Metoda Izmereniya Tverdosti). [1962] [14]p. (foreign text included) 17 refs.
Order from: OTS or SLA $1.60 62-14559

Trans. of Zhurnal Tekhnicheskoi Fiziki (USSR) 1962, v. 32, no. 5, p. 510-514.

DESCRIPTORS: *Hardness, Measurement, Theory. Test equipment. *Instrumentation.

It is shown that the values of hardness, as measured according to P. A. Rebinder and V. D. Kuznetsov, are not constant for a given material, but do change depending on the criterion that is applied for the estimate of hardness as well as on the weight of pendulum and the shape of its supports. Hardness, according to V. D. Kuznetsov, and hardness, according to
(Physics, T), v. 2, no. 10)
(over)

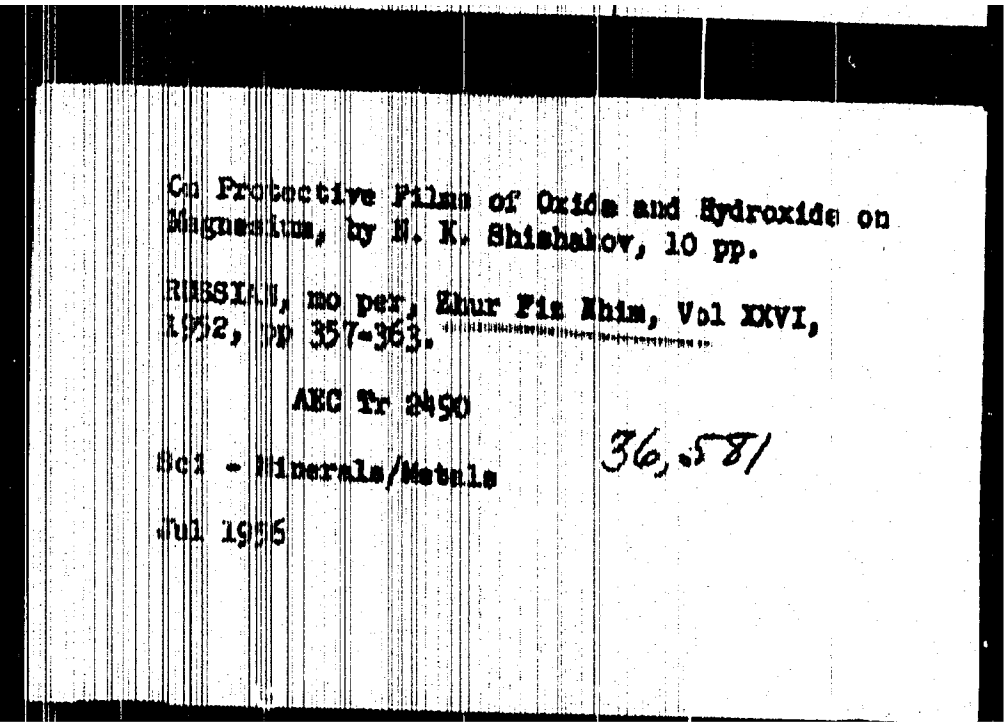
62-14559

1. Titl:: Pendulum method
1. Gogoberidze, G. B.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8



On Protective Films of Oxide and Hydroxide on Magnesium, by M. K. Shishakov, 10 pp.

RUSSIAN, mo per, Zhur Fiz Khim, Vol XXVI, 1952, pp 357-363.

AEC Tr 2490

Sci - Minerals/Metals

Jul 1955

36,581

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

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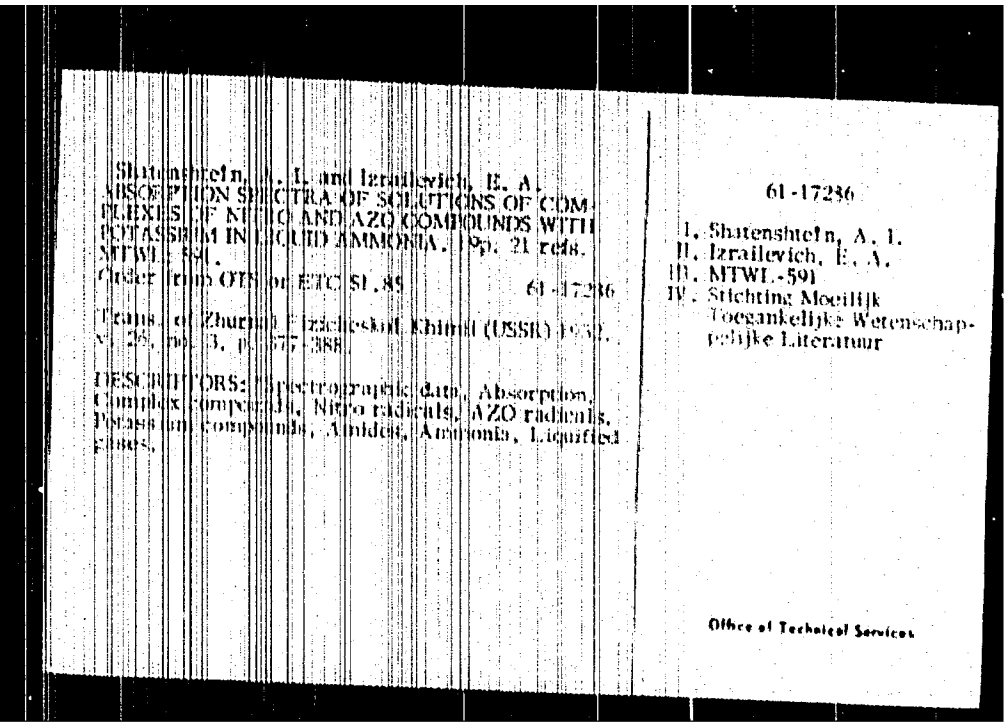


Shatenshtein, A. I. and Izrailevich, E. A.
ABSORPTION SPECTRA OF SOLUTIONS OF COMPLEXES OF NITRO AND AZO COMPOUNDS WITH POTASSIUM IN LIQUID AMMONIA. 19p. 21 refs.
MTWL-591.
Order from OTS or ETC $1.85 61-17236

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1952, v. 26, no. 3, p. 377-388.

DESCRIPTORS: Spectrographic data, Absorption, Complex compounds, Nitro radicals, AZO radicals, Potassium compounds, Amides, Ammonia, Liquified gases.

61-17236

I. Shatenshtein, A. I.
II. Izrailevich, E. A.
III. MTWL-591
IV. Stichting Mocilijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

The Nature of the Chemical Manifestation of the Hydrogen Bond in Hydroperoxides of Aliphatic Acetyls, by D. G. Knorre, N. M. Emanuel', 27 pp.

RUSSIAN, typewritten, Zhur Fiz Khim, Vol XXVI, No 3, 1952, pp 425-437.

Sci Tr Center RT-1665

28,986

Scientific - Chemistry
Dec 55 CTS/DEX

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

Hydrogen Liquefier for the Scientific Research Institute, by M. P. Malkov, A. B. Fradkov.

RUSSIAN, per, Zhur Tekh Fiz, No 22, 1952, pp 436-445.

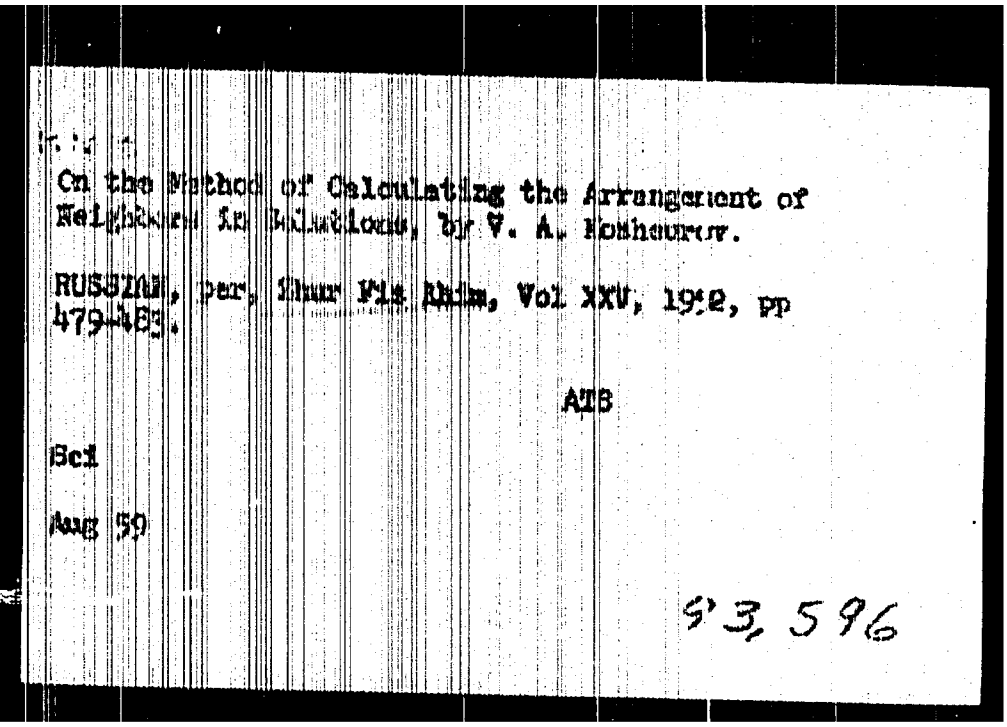
*ATIC

Sci - Chem

Apr 57 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8



On the Method of Calculating the Arrangement of Relations in Solutions, by V. A. Kokhanov.

RUSSIAN, per, Zhur Fiz Khim, Vol XXV, 1951, pp 479-483.

ATB

Sci

Aug 59

53,596

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

The Influence of Thermal Treatment on the Structure and Catalytic Activity of Aluminium Oxide, by G. K. Boreskov et al

RUSSIAN, Zhur Fiz Khim, 1952, Vol XXVI, No 4, pp 492-499.

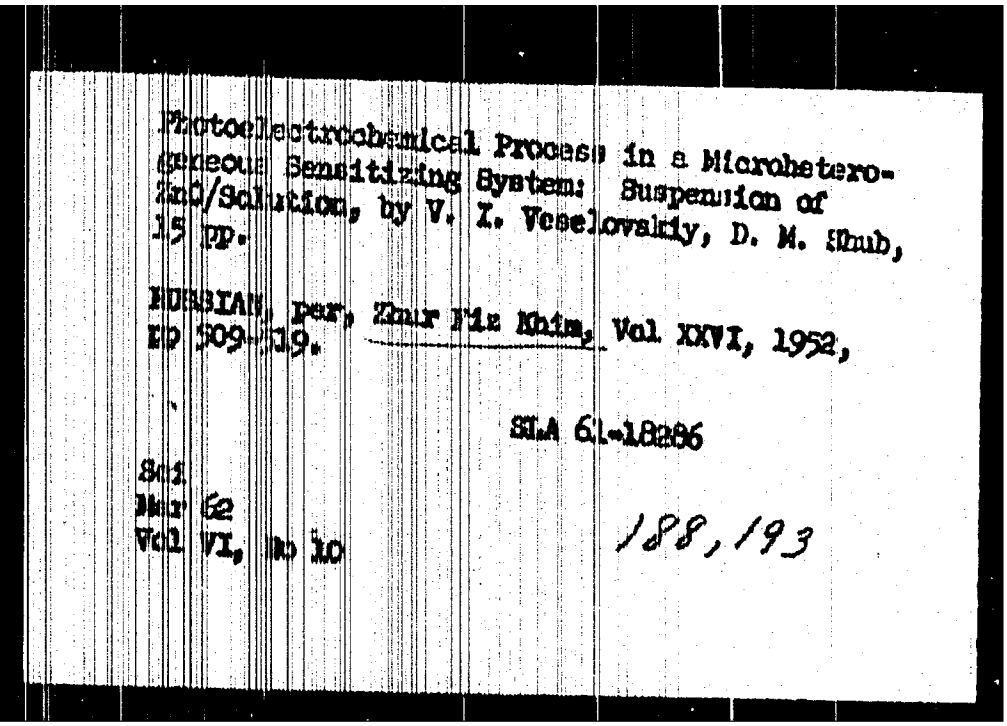
D.S.I.R. Tr No CTS 8

Scientific - Minerals/Metals

List No 49, Apr 1953

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8



Photoelectrochemical Process in a Microheterogeneous Sensitizing System: Suspension of ZnO/Solution, by V. I. Veselovskiy, D. M. Mnub, 15 pp.

RUSSIAN, Per, Zhur Fiz Khim, Vol. XXVI, 1952, pp 509-519.

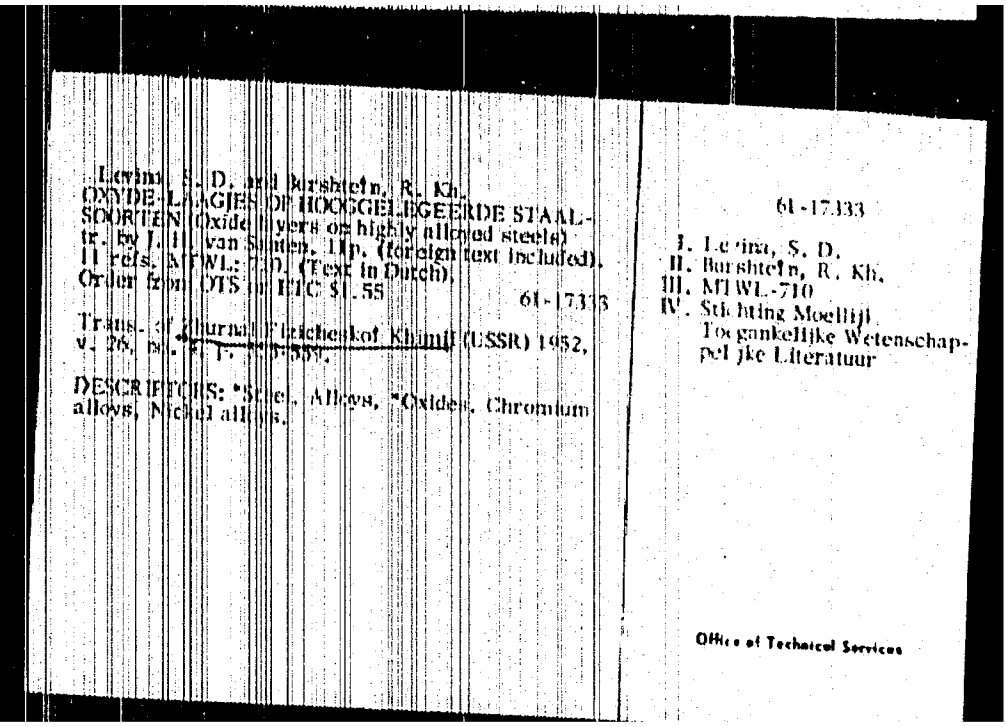
SLA 61-18286

Sci
Mar 62
Vol VI, No 10

188, 193

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8



Levin, S. D., and Burshtein, R. Kh.
OXYDE-LAGEN OP HOOGGELEGEERDE STAAL-SOORTEN (Oxide layers on highly alloyed steels) tr. by J. H. van Santen, Utp. (foreign text included). 11 refs. MTWL-710. (Text in Dutch).
Order from OTS in ITC $1.55 61-17333

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1952, v. 26, no. 2, p. [illegible]

DESCRIPTORS: *Steel, Alloys, *Oxides, Chromium alloys, Nickel alloys.

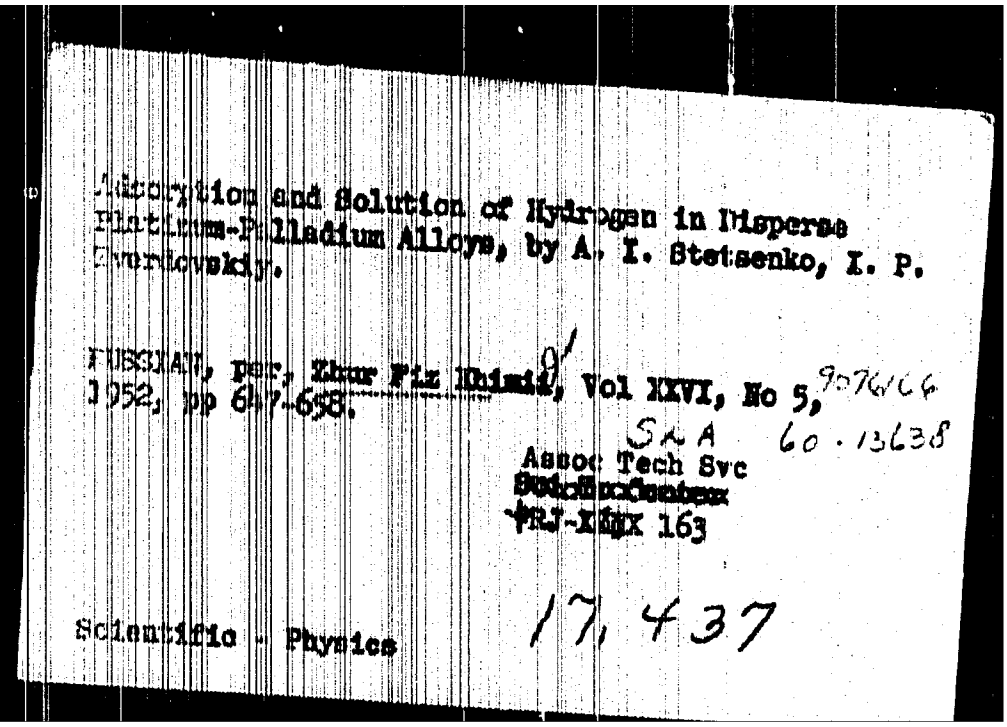
61-17333

I. Levin, S. D.
II. Burshtein, R. Kh.
III. MTWL-710
IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8



Adsorption and Solution of Hydrogen in Dispersed Platinum-Palladium Alloys, by A. I. Stetsenko, I. P. Zverlovskiy.

RUSSIAN, per: Zhur Fiz Khimii, Vol XXVI, No 5, 1952, pp 647-658.

SxA 60-13638

Assoc Tech Svc
PRJ-XXX 163

Scientific - Physics

17,437

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660040-8

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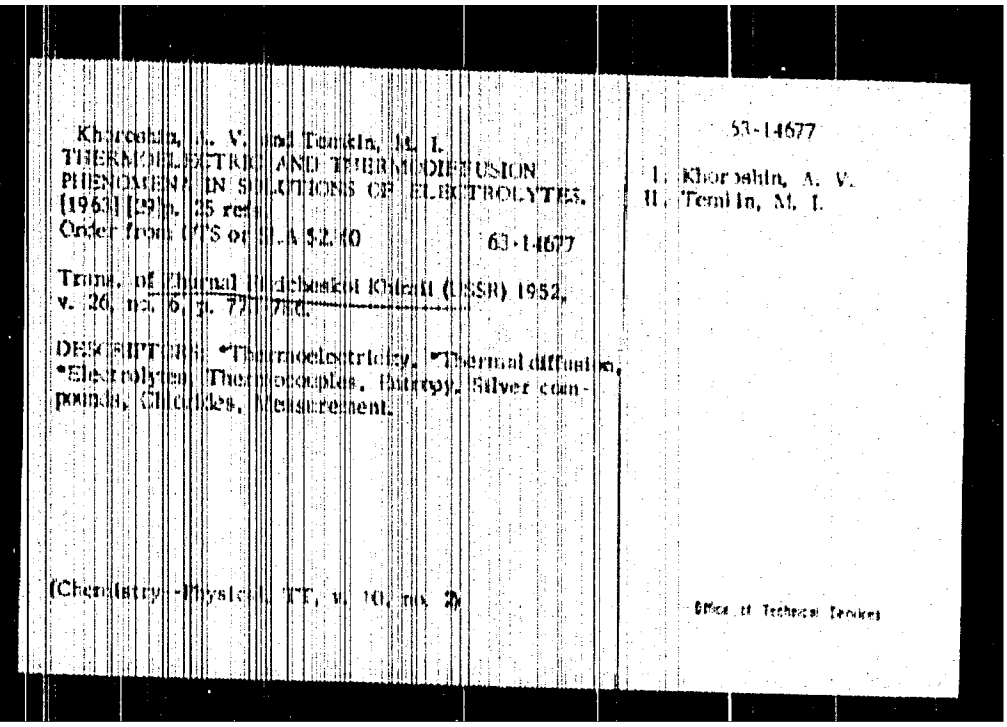

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THERMOELECTRIC AND THERMODIFFUSION PHENOMENA IN SOLUTIONS OF ELECTROLYTES.
[1963] [29] p. 25 ref.
Order from OTS or U.A $2.50 63-14677

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1952, v. 26, no. 6, p. 777-786.

DESCRIPTORS: *Thermoelectricity, *Thermal diffusion, *Electrolytes, Thermocouples, Entropy, Silver compounds, Circuits, Measurement.

(Chemistry-Physics, TT, v. 10, no. 2)

53-14677

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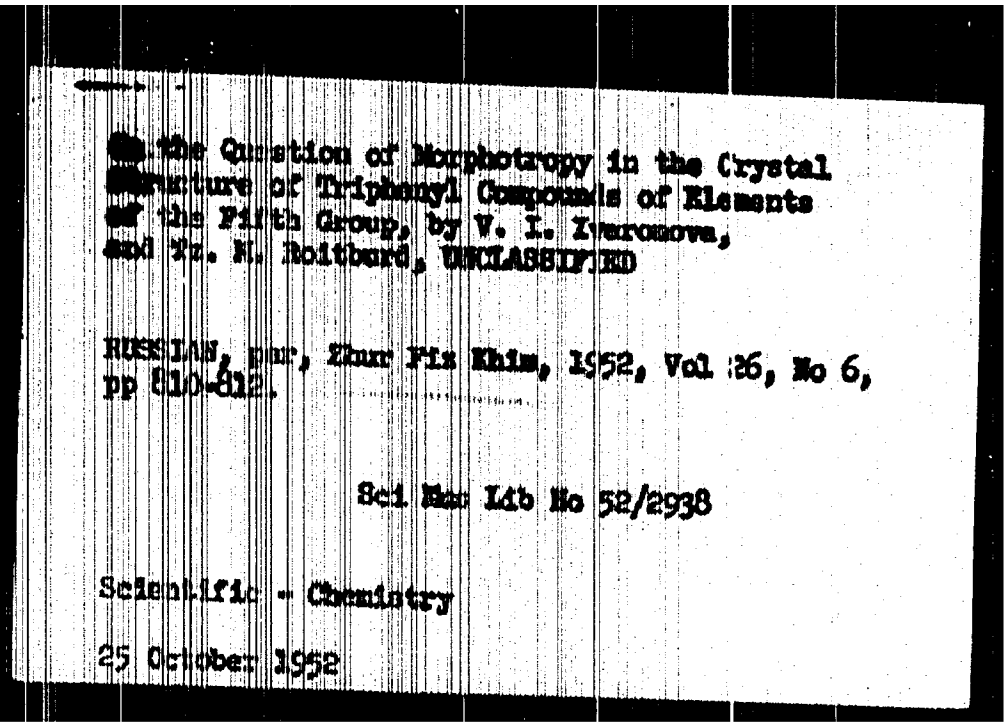

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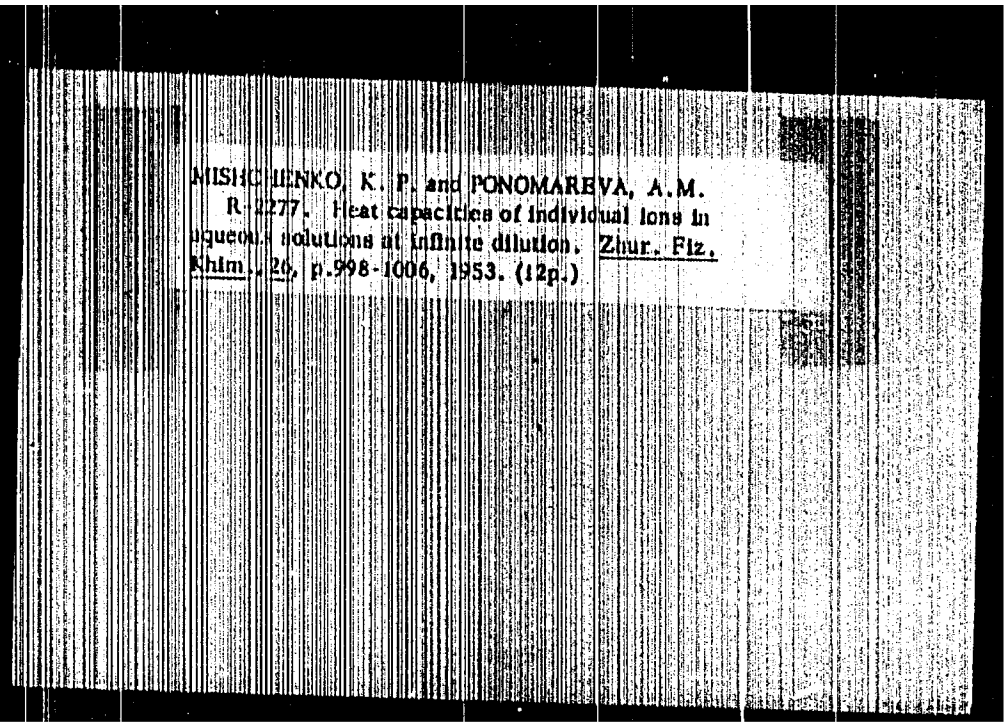

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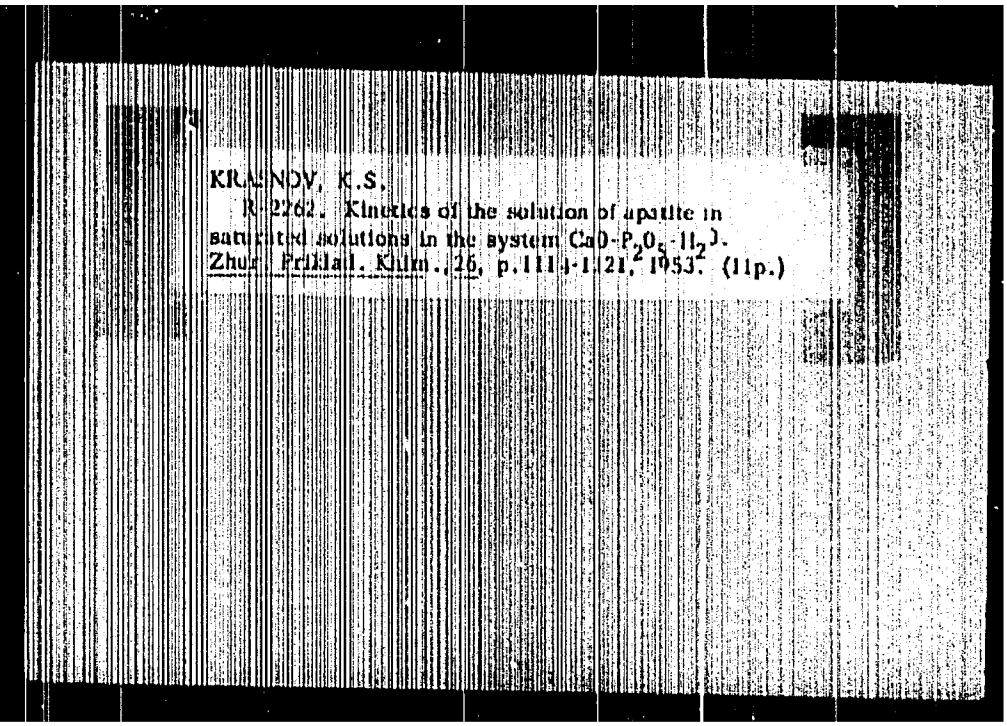

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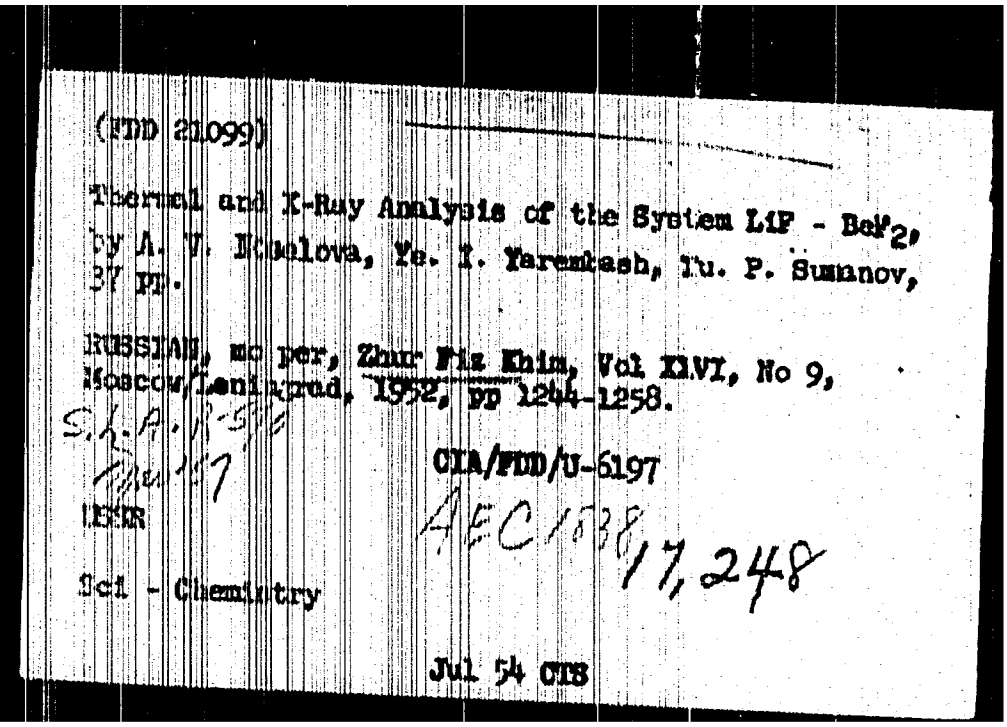

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Agency: Picatinny Arsenal
P.O. No. 90-99c

R-10,077-D
27 Jan 64

Title: Unknown. pp. 1259-1265.

Author: Eolander, G.A., et al.

Source: Zhur. Fiz. Khim. Vol. 26, (1952).

Language: Russian.

8 pp

Special Instruction: Please translate & type 1 cpy only.

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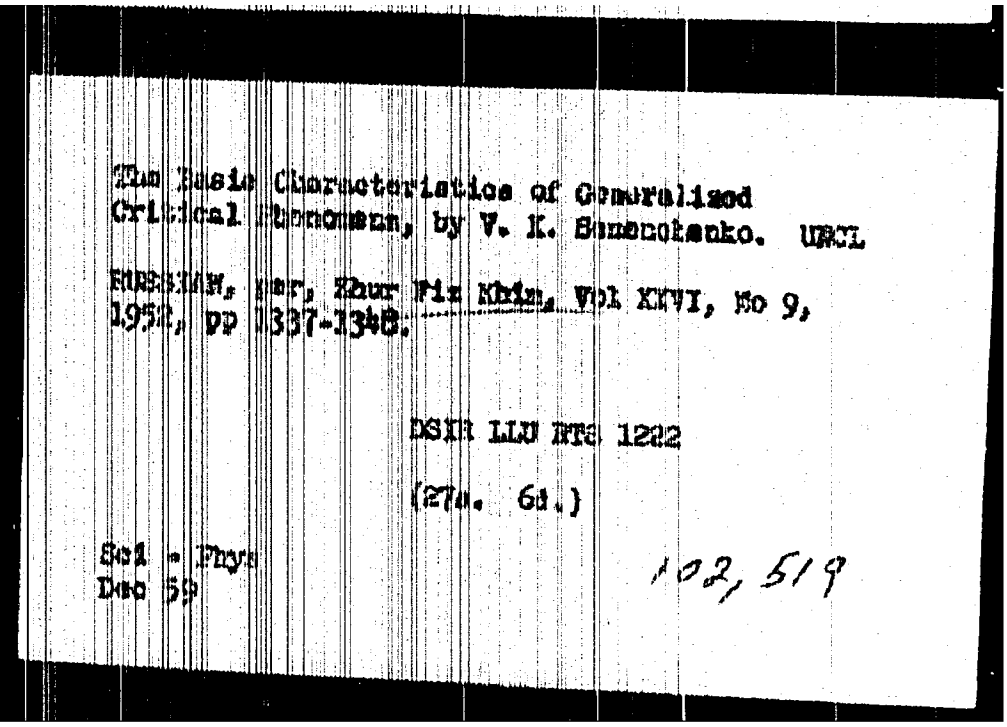

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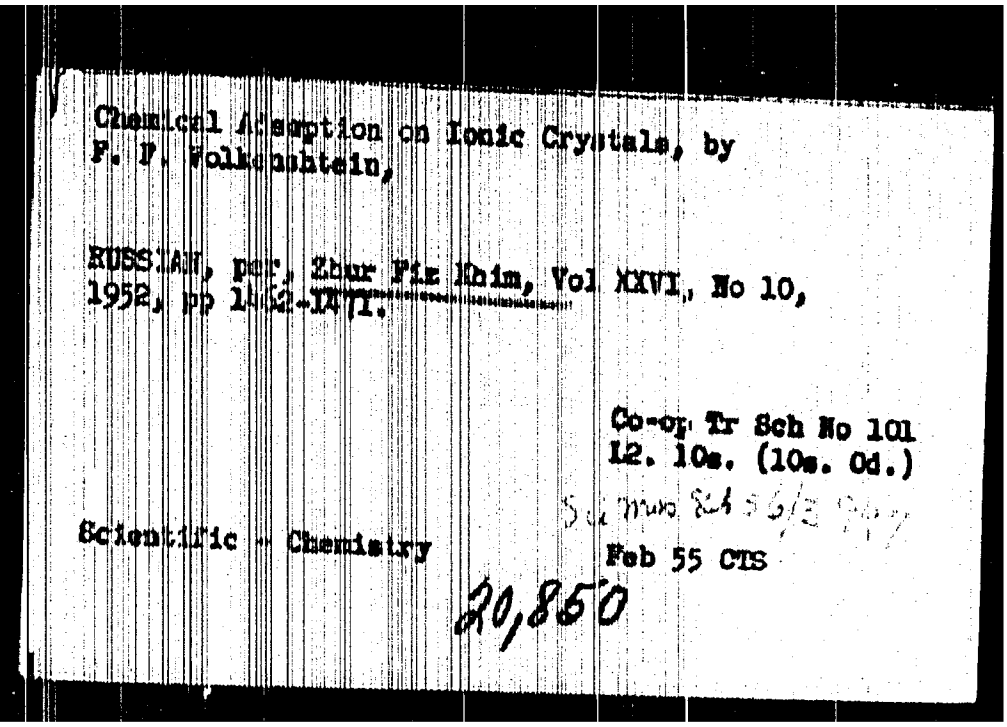

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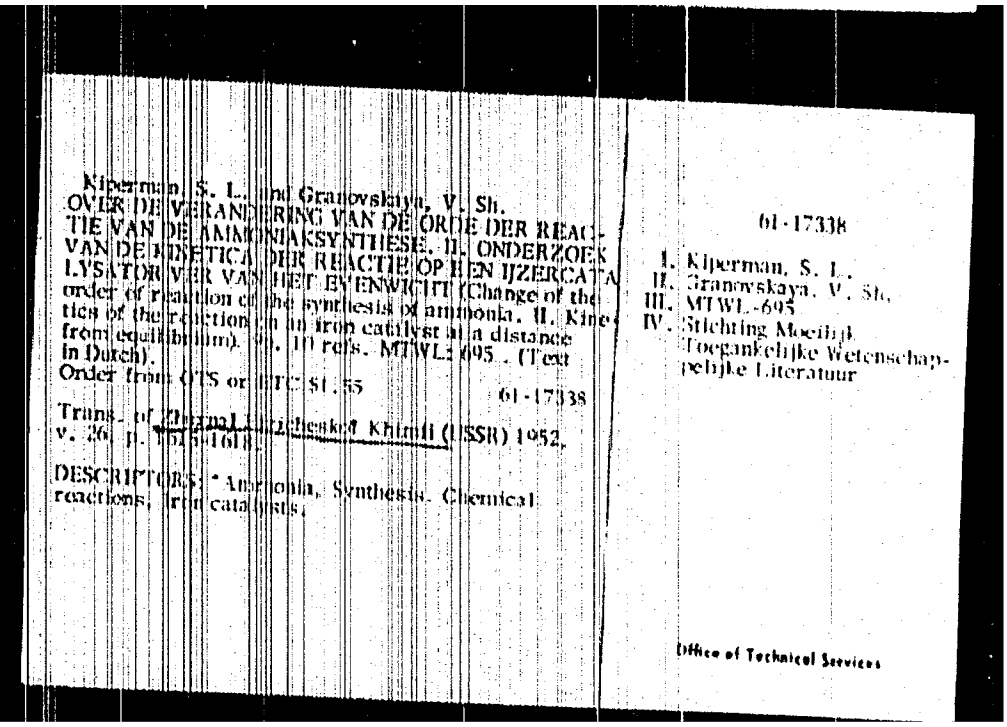

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OVER DE VERANDERING VAN DE ORDE DER REAC-
TIE VAN DE AMMONIAKSYNTHESE. II. ONDERZOEK
VAN DE KINETICA DER REACTIE OP EEN IJZERCATA-
LYSATOR VER VAN HET EVENWICHT (Change of the
order of reaction of the synthesis of ammonia. II. Kine-
tics of the reaction on an iron catalyst at a distance
from equilibrium). 20. 10 refs. MTWL-695. (Text
in Dutch).
Order from OTS or JPRS $1.55 61-17338

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1952,
v. 26 p. 1615-1618.

DESCRIPTORS: *Ammonia, Synthesis. Chemical
reactions; Iron catalysts.

61-17338

I. Kiperman, S. L.
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12 287

GE-1

MISHCHENKO K. P.

Solvation of ions in electrolyte solutions. I. Chemical solvation heat of individual ions and approximate calculation of solvation energy

Solvatation von Ionen in Elektrolytlösungen. I. Chemische Solvatationswärme einzelner Ionen sowie angenäherte Berechnung der Solvatationsenergie

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Euratom

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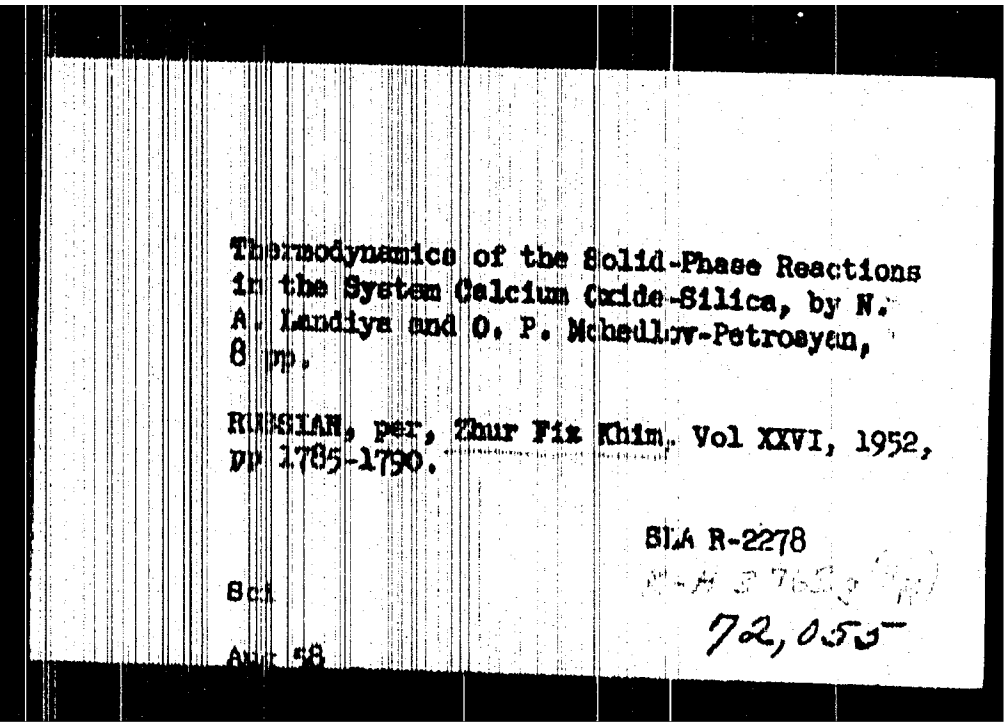

Thermodynamics of the Solid-Phase Reactions in the System Calcium Oxide-Silica, by N. A. Landiya and O. P. Mchedlov-Petrosyan, 8 pp.

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SLA R-2278

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The Crystal Structure of Rhodanides, Complex Tetrarhodanides of Zinc, Cadmium Mercury and Platinum, by Z. V. Zvonkova.

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WL M. 4527

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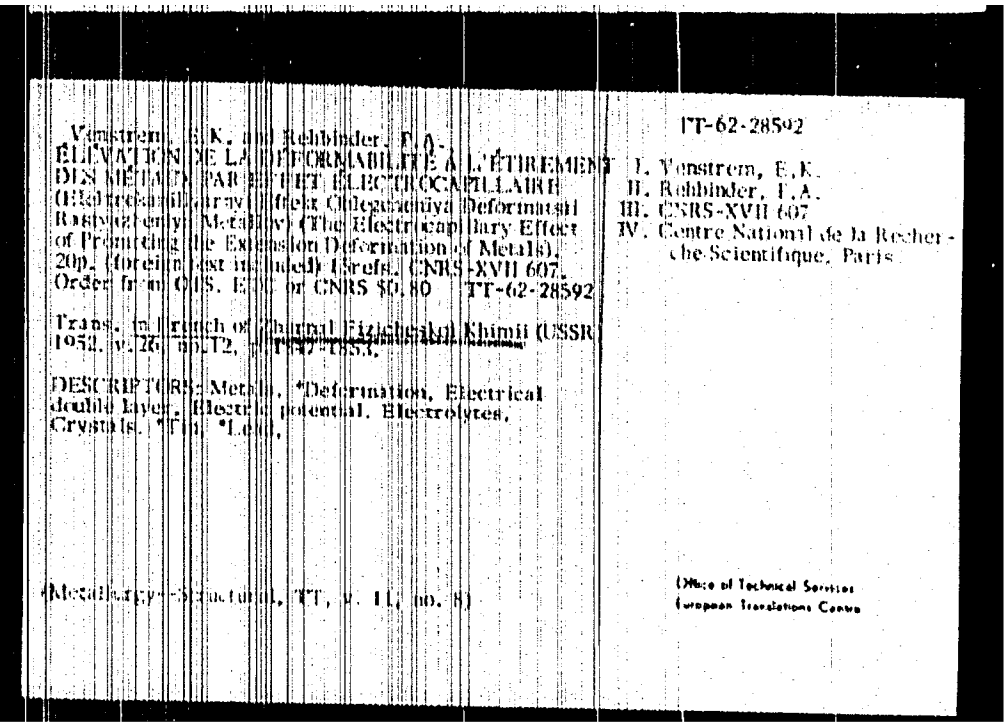

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(Elektrokapillyarnyy effekt oblegcheniya deformatsii rastyazheniy Metallov) (The Electrocapillary Effect of Promoting the Extension Deformation of Metals).
20p. (Foreign text included) (Refs. CNRS-XVII 607.
Order from O.T.S. Price on CNRS $0.80 TT-62-28592

Trans. (in French) of Zhurnal Fizicheskoi Khimii (USSR) 1952, v. 26, no. 12, p. 1847-1853.

DESCRIPTORS: Metals. *Deformation, Electrical double layer, Electric potential. Electrolytes, Crystals. *Tin. *Lead.

(Metallurgy--Structural, TT, v. 11, no. 8)

TT-62-28592

I. Venstrem, E.K.
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The Kinetics of Transformation of the Polymorphous Modifications of Ammonium Nitrate. 4. The Transformation of NH_4NO_3(III) $\rightleftarrows$ NH_4NO_3(IV)., by B. V. Krafyev, N. I. Mitskevich, 9 pp.

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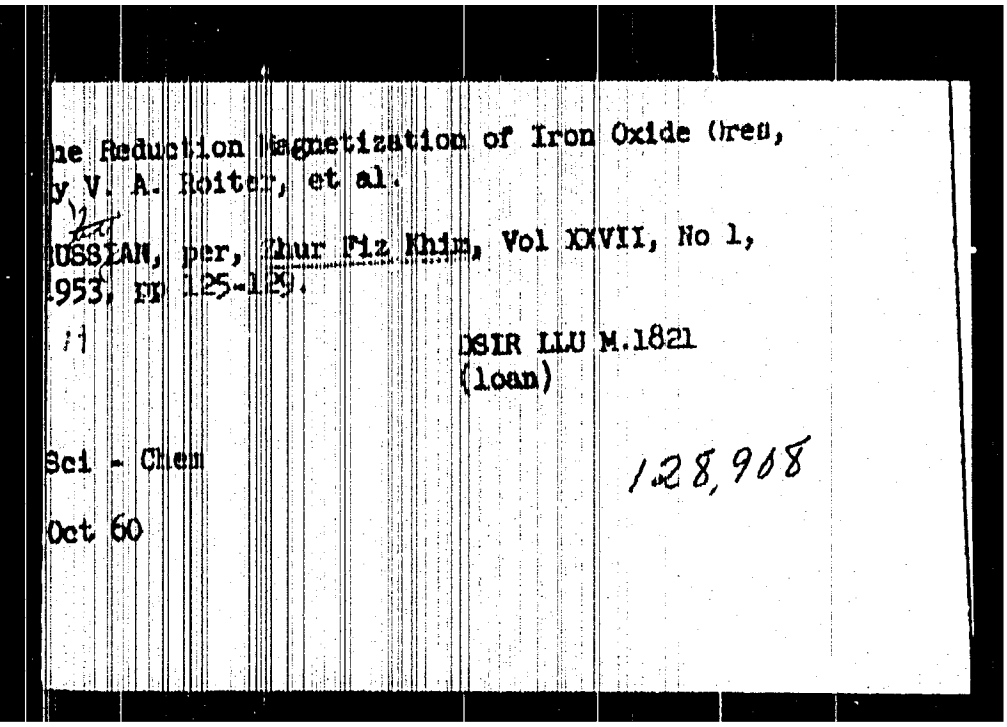

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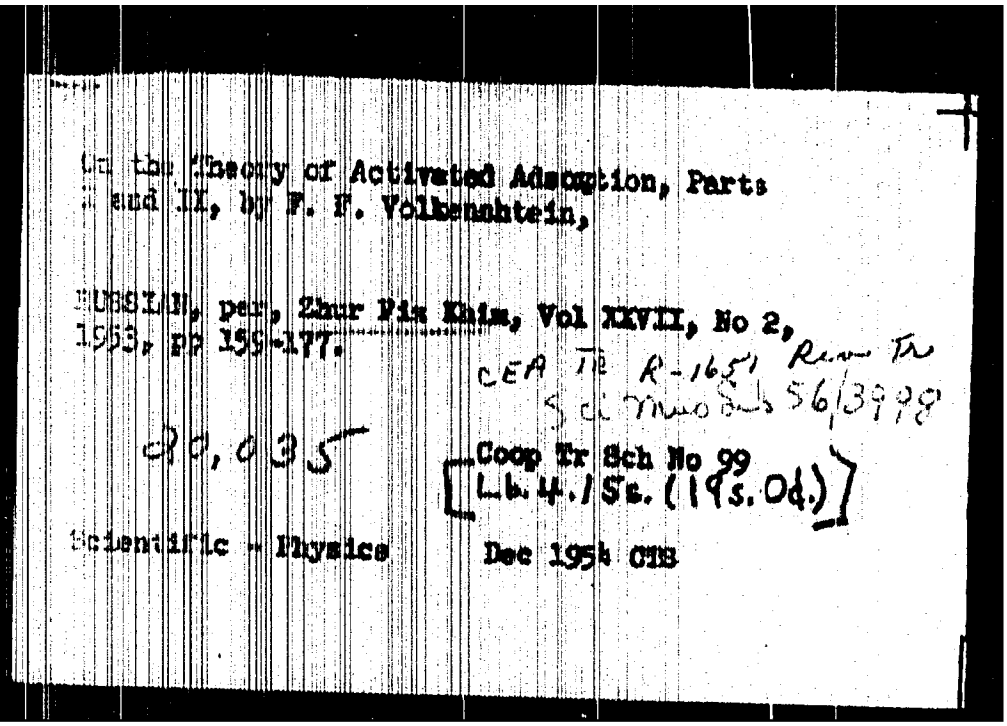

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CEA Tr R-1651 Rev Tr 5 of Trans Bull 56/3998

QD, 035

Coop Tr Sch No 99
[Lb.4.15a. (19s.04.)]

Scientific -- Physics Dec 1954 CTS

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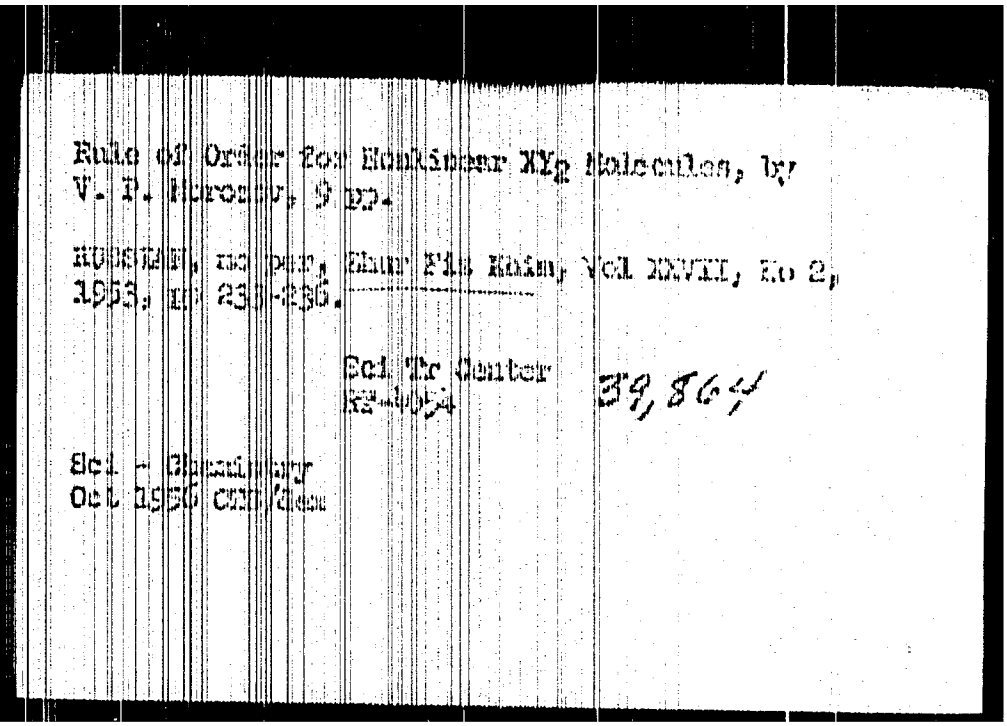

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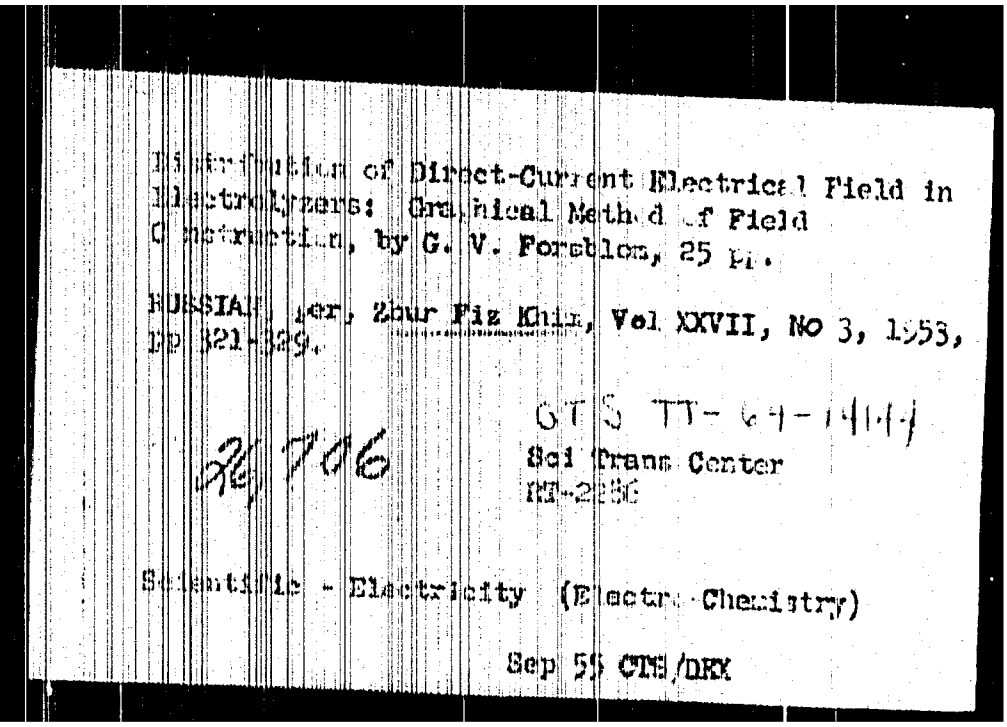

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Scientific - Electricity (Electro-Chemistry)

Sep 55 CMS/DRK

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Sci Mn Lib No 54/3414
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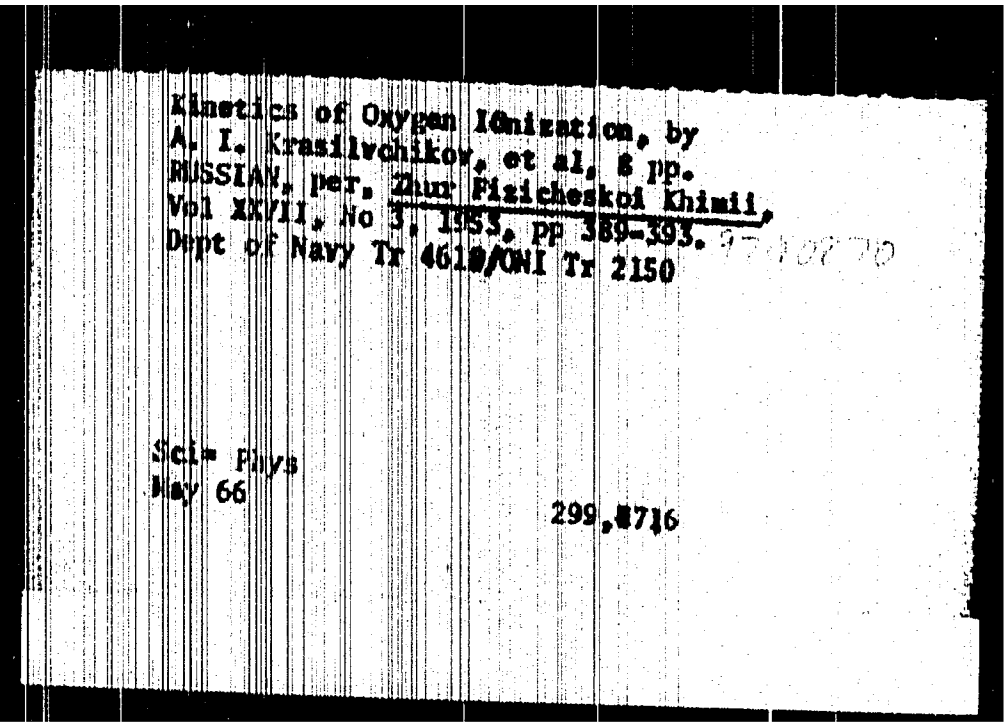

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Price $3.50

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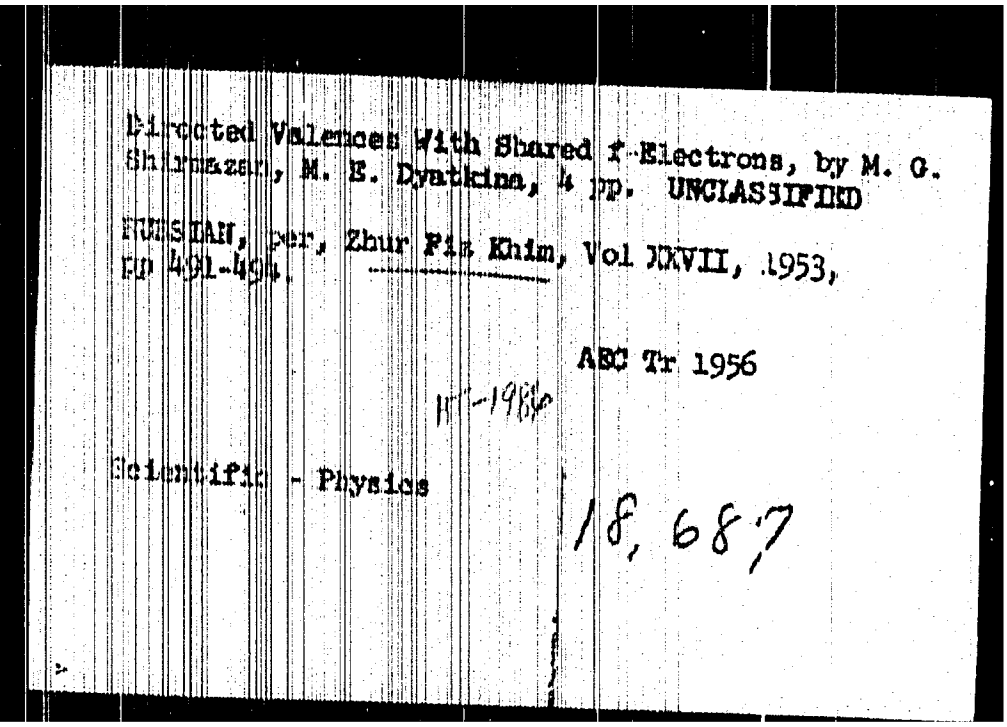

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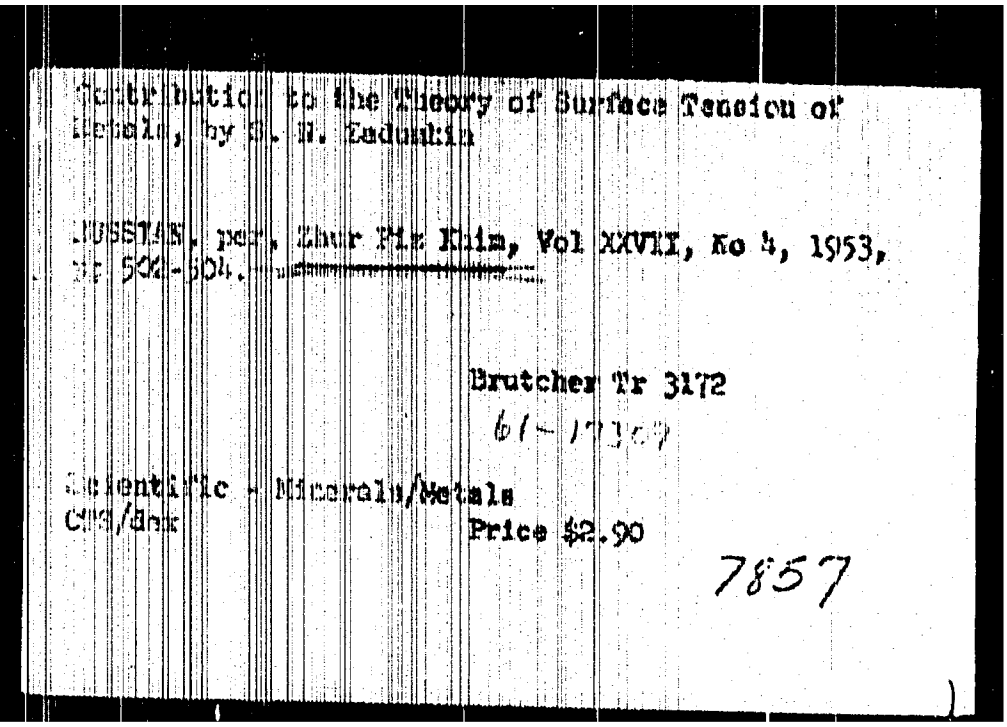

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DESCRIPTORS: *Conductivity, Electrical properties, *Glass, Hydrolysis, *Humidity, Atmosphere, Films, Silicates.

(Chemistry--Physical, TT, v. 6, no. 2)

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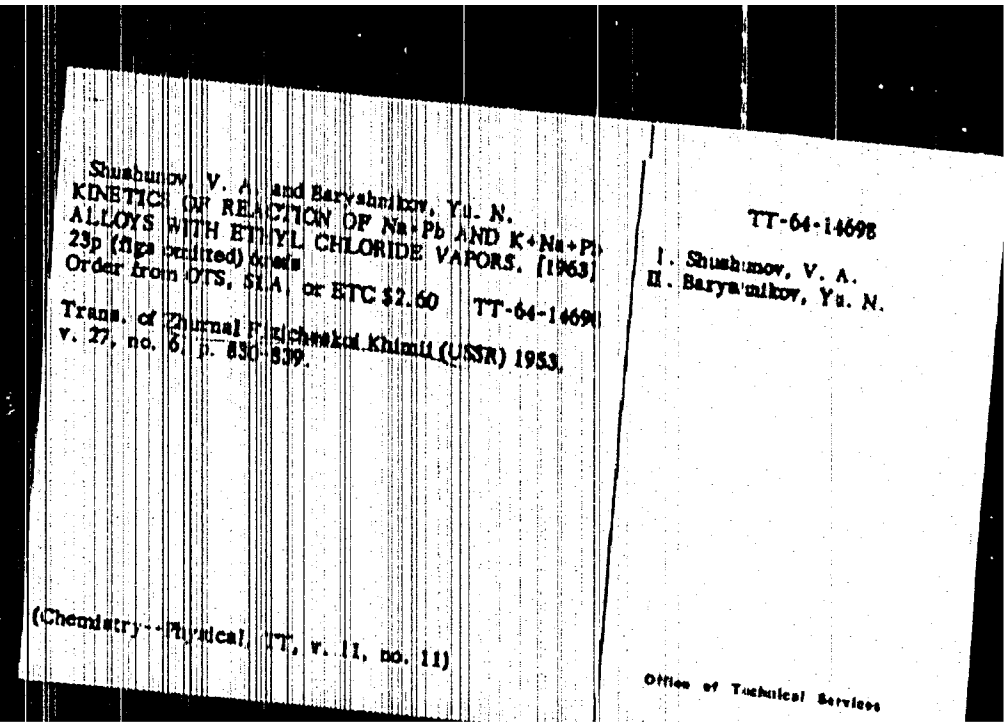

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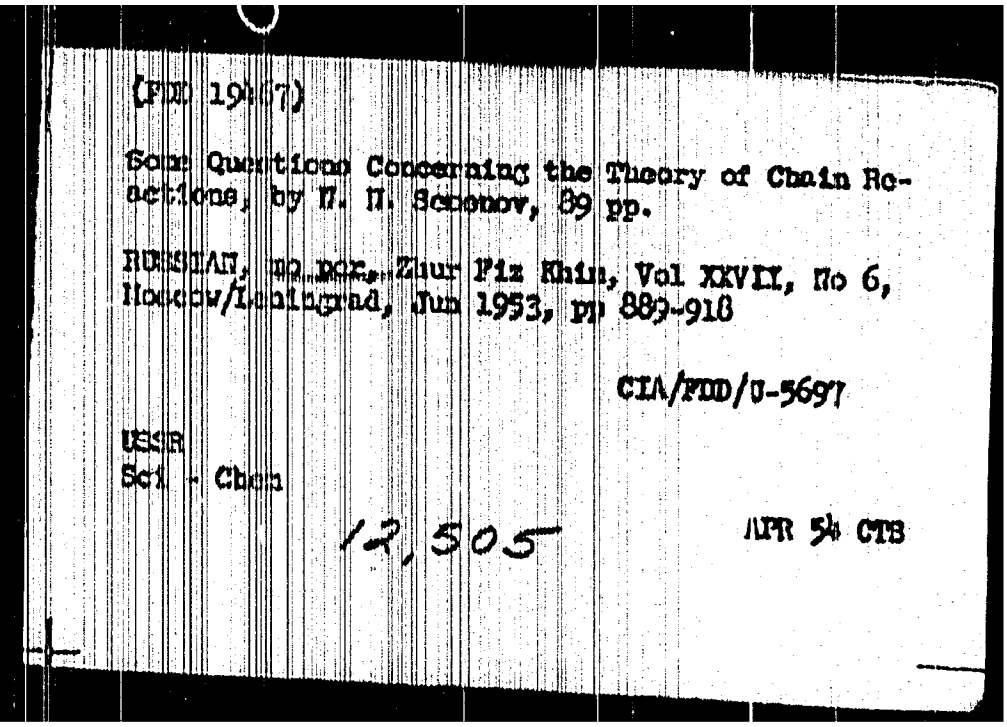

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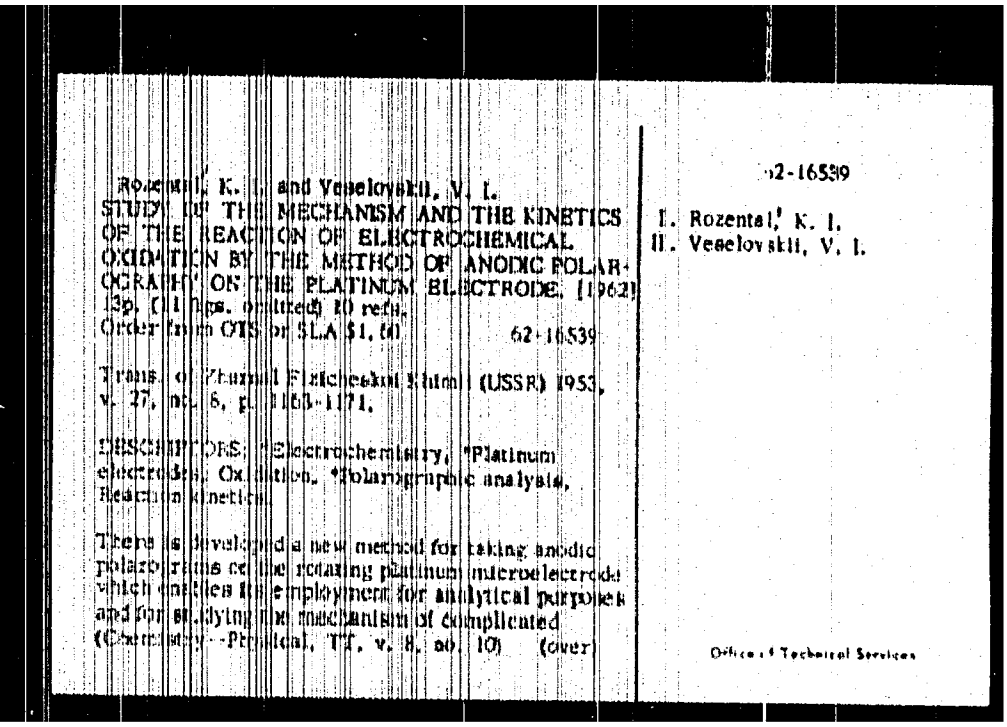

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DESCRIPTORS: *Electrochemistry, *Platinum electrodes, Oxidation, *Polarographic analysis, Reaction kinetics.

There is developed a new method for taking anodic polarograms on the rotating platinum microelectrode which enables its employment for analytical purposes and for studying the mechanism of complicated
(Chemistry--Physical, TT, v. 8, no. 10) (over)

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